

1 Claims 1, 12 and 21 are amended.

2 Claims 1, 4-12, 16-21 and 24-28 remain in the application and are listed as
3 follows:

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5 **1. (Currently Amended)** A method, comprising:
6 receiving data input through a web page from a client device;
7 referencing a declarative module to determine a client input security screen
8 to apply to the data input from the client device, wherein the declarative module
9 comprises:

10 a global section that includes at least one client input security screen that
11 applies to any type of client input value; and

12 an individual values section that includes at least one client input security
13 screen that applies to a particular type of client input value; and

14 applying multiple client input security screens to the data input from the
15 client device, including at least one client input security screen from the global
16 section of the declarative module and at least one client input security screen from
17 the individual values section of the declarative module, wherein the client input
18 security screens are distinct from one another, ~~and wherein one or more~~
19 ~~predetermined symbols are removed without replacement from the data input, and~~
20 ~~wherein said act of referencing comprises first using the global section to screen~~
21 ~~one or more client input values and then using the individual values section to~~
22 ~~screen at least one of said one or more client input values.~~

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24 **2. (Canceled)**

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1 **3. (Canceled)**

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3 **4. (Previously Presented)** The method as recited in claim 1,
4 wherein the particular type of client input value is one of the following types of
5 client input values: query string; server variable; form value; cookie.

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7 **5. (Previously Presented)** The method as recited in claim 1,
8 wherein the declarative module further comprises a web.config file.

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10 **6. (Original)** The method as recited in claim 1, wherein the applying
11 the client input security screen further comprises executing a default action on
12 invalid client input detected by the client input security screen.

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14 **7. (Original)** The method as recited in claim 1, wherein the applying
15 the client input security screen further comprises executing a specified action on
16 invalid client input detected by the client input security screen, the specified action
17 being specified in the client input security screen.

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19 **8. (Original)** The method as recited in claim 1, wherein a client
20 input security screen further comprises one or more values that may be entered as
21 client input, the one or more values further comprising the only values that may be
22 entered as client input.

1 **9. (Original)** The method as recited in claim 1, wherein a client
2 input security screen further comprises one or more screened values that, when
3 detected in the client input, cause an action to be taken on the client input.

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5 **10. (Original)** The method as recited in claim 9, wherein the action to
6 be taken further comprises removing the one or more screened values detected in
7 the client input.

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9 **11. (Original)** The method as recited in claim 9, wherein the action to
10 be taken further comprises removing an entire string that contains the one or more
11 screened values detected in the client input.

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13 **12. (Currently Amended)** A system, comprising:
14 a web page server unit configured to provide one or more web pages to one
15 or more client devices over a distributed network;

16 means for receiving client input data;
17 a declarative module configured to include multiple client input security
18 screens that declare screening rules for client input, wherein the declarative
19 module comprises:

20 a global section that includes one or more client input security screens that
21 are applied to all types of client input; and

22 an individual values section that includes one or more client input security
23 screens that are applied to specified types of client input; and

24 a client input security screening unit configured to apply the screening rules
25 for client input to the client input data and to perform one or more actions on

1 invalid client input data, wherein the screening rules are from distinct client input
2 security screens from the global section and the individual values section, ~~and~~
3 ~~wherein the client input security screening unit is further configured to remove~~
4 ~~without replacement one or more predetermined symbols from the client input~~
5 ~~data, and wherein the client input security screening unit is configured to first use~~
6 ~~the global section to screen one or more client input values and then use the~~
7 ~~individual values section to screen at least one of said one or more client input~~
8 ~~values.~~

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10 **13. (Canceled)**

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12 **14. (Canceled)**

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14 **15. (Canceled)**

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16 **16. (Original)** The system as recited in claim 12, wherein a screening
17 rule further comprises a client input variable that may be accepted as input from a
18 client.

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20 **17. (Original)** The system as recited in claim 12, wherein a screening
21 rule further comprises one or more screened characters that, when detected in
22 client input, are screened from the client input according to a screening rule.

1 **18. (Original)** The system as recited in claim 17, wherein the
2 screening rule further comprises a default screening action that is applied in the
3 absence of a specified screening action.

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5 **19. (Original)** The system as recited in claim 17, wherein the
6 screening rule further comprises a specified screening action that is applied to the
7 screened client input.

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9 **20. (Previously Presented)** The system as recited in claim 12,
10 wherein the declarative module further comprises a web.config file.

11

12 **21. (Currently Amended)** One or more computer-readable storage
13 media containing computer-executable instructions that, when executed on a
14 computer, ~~perform the following steps~~ implement a method comprising:

15 serving a web page to a client over a distributed network;
16 receiving client input via the web page;
17 comparing the client input with multiple and distinct client input security
18 screens stored in a security declarative module, wherein the security declarative
19 module includes a global section configured to screen all types of client input
20 values and an individual values section configured to screen particular types of
21 client input values, wherein the global section is used to first screen one or more
22 client input values and then the individual values section is used to screen at least
23 one of the one or more client input values;

24 if invalid client input is detected, performing a screening action on the
25 invalid client input as indicated by the security declarative module; and

1 wherein the client input security screens included in the security declarative
2 module can be applied to multiple web pages; ~~and~~

3 ~~wherein one or more predetermined symbols are removed without~~
4 ~~replacement from the client input.~~

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6 **22. (Canceled)**

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8 **23. (Canceled)**

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10 **24. (Previously Presented)** The one or more computer-readable
11 media as recited in claim 21, wherein the security declarative module further
12 comprises a web.config file.

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14 **25. (Original)** The one or more computer-readable media as recited
15 in claim 21, wherein the screening action further comprises an action specified in a
16 client input security screen.

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18 **26. (Original)** The one or more computer-readable media as recited
19 in claim 21, wherein the screening action further comprises a default action that is
20 not required to be specified in a client input security screen.

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22 **27. (Original)** The one or more computer-readable media as recited
23 in claim 21, wherein the multiple web pages are included in a web project.

1 **28. (Original)** The one or more computer-readable media as recited
2 in claim 21, wherein the multiple web pages are included in a web-based
3 application.

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